What is claimed is:

1.   A method of interfacing to pre-existing software code, comprising:

providing a software wrapper capable of inheriting from at least a

5   first application program interface (API) and a second API;

delegating to a pre-existing enumeration of objects for a call to the

first API;

creating a vector identifying elements of the enumeration;

maintaining a positional cursor based on a call to the second API;

10   comparing the positional cursor to the vector; and

selectively extracting one or more additional elements from the

enumeration based on the comparison of the positional cursor and the vector.

2.   The method of claim 1, wherein the first API is a java-based

15   enumeration API.

3.   The method of claim 1, wherein the second API is a java-based

collection API.

20   4.   The method of claim 1, further comprising:

providing an iterator, associated with the second API, for

maintaining the positional cursor.

5.   The method of claim 1, further comprising:

25   providing a plurality of iterators for maintaining a plurality of

positional cursors.

6.   The method of claim 1, further comprising:

synchronizing a plurality of methods for extracting the elements from the enumeration.

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7.   The method of claim 1, wherein the step of selectively extracting includes:

extracting the elements from the enumeration when the positional cursor matches the size of the vector.

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8.   A system, comprising:

a processor for executing a software program;

a memory, operatively coupled to the processor, storing the software program, wherein the software program comprises:

15   means for providing a first application program interface (API);

means for delegating to a pre-existing enumeration of objects for a call to the first API;

means for creating a vector identifying elements of the enumeration;

20   means for maintaining a positional cursor in response to a call to the second API;

means for comparing the positional cursor to the vector; and

means for selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the

25   vector.

9. The system of claim 8, further comprising software code for defining the enumeration.

5   10. The system of claim 8, wherein the first API is a java-based enumeration API.

11. The system of claim 8, wherein the second API is a java-based collection API.

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12. The system of claim 8, wherein the software program further comprises:

means for providing an iterator, associated with the second API, for maintaining the positional cursor.

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13. The system of claim 8, wherein the software program further comprises:

means for providing a plurality of iterators for maintaining a plurality of positional cursors.

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14. The system of claim 8, wherein the software program further comprises:

means for synchronizing a plurality of methods for extracting the elements from the enumeration.

15. A computer program product in a computer-usable medium, comprising:

means for providing a first application program interface (API);

5 means for delegating to a pre-existing enumeration of objects for a call to the first API;

means for creating a vector identifying elements of the enumeration;

means for maintaining a positional cursor in response to a call to

10 the second API;

means for comparing the positional cursor to the vector; and

means for selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector.

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16. The computer program product of claim 15, further comprising:

means for defining the enumeration.

17. The computer program product of claim 15, wherein the first API is

20 a java-based enumeration API.

18. The computer program product of claim 15, wherein the second API is a java-based collection API.

19.   The computer program product of claim 15, further comprising:

means for providing an iterator, associated with the second API, for maintaining the positional cursor.

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20.   The computer program product of claim 15, further comprising:

means for providing a plurality of iterators for maintaining a plurality of positional cursors.

10   21.   The computer program product of claim 15, further comprising:

means for synchronizing a plurality of methods for extracting the elements from the enumeration.